

Switch-Tek™ Mini-Float Level Switch

Switch-Tek Mini-Float LV20 0412 DS2_0

Specifications

| | |
|-------------------|--|
| Orientation: | LV20: ± 20° vertical LH2_: ± 20° horizontal |
| Accuracy: | ± 5 mm in water |
| Repeatability: | ± 2 mm in water |
| Specific gravity: | 0.8 minimum |
| Contact type: | (1) SPST reed |
| Contact rating: | 120 VAC/VDC @ 15 VA (CE: 30 Vrms and 42.2 Vpeak or 60 VDC) |
| Contact output: | Selectable NO/NC |
| Process temp.: | F: -40° to 194° C: -40° to 90° |
| Pressure: | 10 psi (0.7 bar) @ 25° C., derated @ 1.667 psi (.113 bar) per °C. above 25° C. |
| Sensor material: | LV20-12_1: PP LV20-52_1: PVDF LH2_-1201: PP |
| Wire type: | 2-conductor, #22 AWG |
| Wire length: | Standard: 2' (60 cm) Special order: 25' (7.6m) or 50' (15.2m) |
| Wire jacket mat.: | LV20-12_1: PVC LV20-52_1: TFE LH2_-1201: Polymeric |
| Process mount: | LV20: 1/8" NPT LH21: 1/2" NPT LH22: Compression |
| Mount. gasket: | Viton® (LH22 only) |
| Classification: | General purpose |
| CE compliance: | EN 50082-2 immunity EN 55011 emission EN 61010-1 safety |



Description

The general purpose mini-float level switches are a great choice for less critical applications with clean water and/or chemical solutions. Media examples include water and acetic acid. The dry contact closure provides a reliable switch interface with remote devices such as a PLC, SCADA or alarm. See the LV20 and LH20 sensor application matrices on page 95 for more details.

Switch-Tek Ordering

Mini-Vertical

Sensor material (1)

- 1 PP
- 5 PVDF

Process mount

- 0 1/8" NPT (US)
- 5 1/8" Rp (Metric)

LV20-21

Ordering Notes

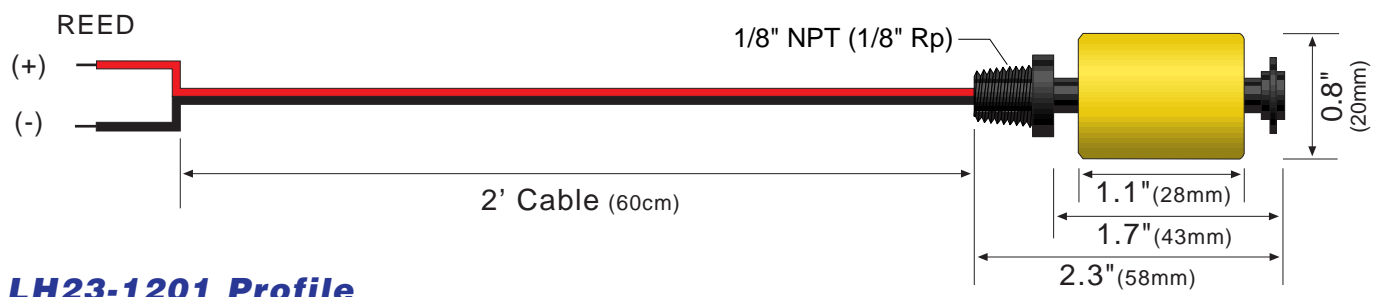
- 1) To special order a 25' (7.6m) or 50' (15.2 m) sensor cable, place the cable length at the end of the part number (ie: LV20-1201-25').

Mini-Horizontal

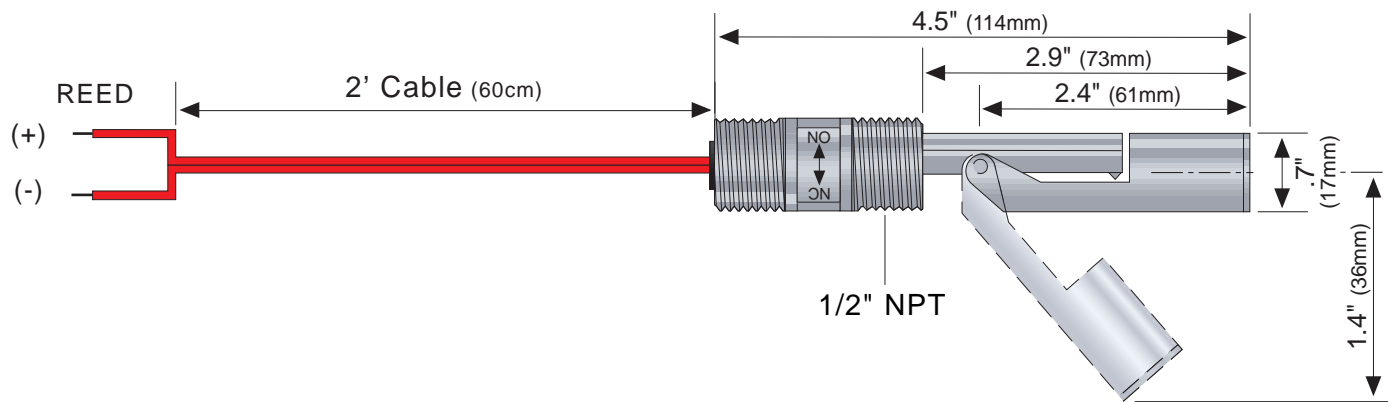
LH23-1201

Switch-Tek™ Mini-Float Level Switch

LV20-201 Profile

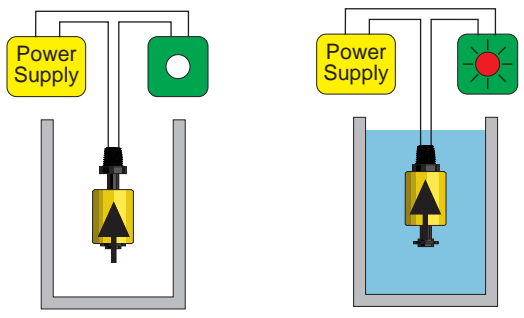


LH23-1201 Profile

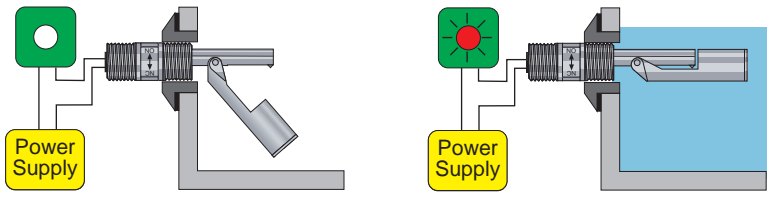


Specifications are subject to change without notice.

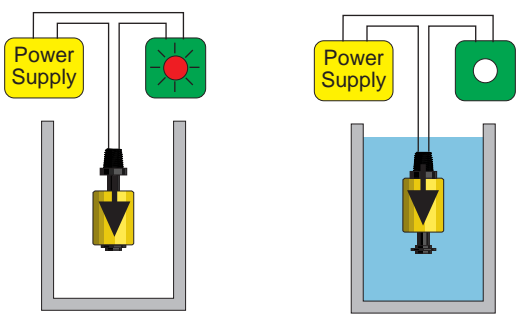
LV10-3_1 - NO Wiring



LV10-2_1 - NO Wiring



LV10-3_1 - NC Wiring



LV10-2_1 - NC Wiring

